SERVICE

Whirlpool Europe
Customer Services

AVM 330 WH

Whirlpool

Service-Manual

Micro-Wave Oven
VIP 20
AVM 330 WH

Model AVM 330 WH
Version 8538 330 01291

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This documentation is only intended for qualified technicians who are aware of the respective safety regulations.

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Subject to modification

Introduction safety

INTRODUCTION

Before leaving the factory each oven is carefully checked.
It must however, be installed and used correctly.

Despite all the steps taken to make the oven safe, the safety is dependent on the correct installation and the fact the user understands how to use and maintain the oven.

The information in this section should be used as a reminder that the oven is safe and that anyone who uses it must first read the instructions for use in order to be able to use the oven correctly and obtain best results.

SAFETY

To avoid injury to yourself and damage to the appliance always work to the following rules when servicing an oven.

Always disconnect the plug from the mains before starting work.

If there is no plug switch off the electric supply at the control box.

When you have finished servicing an oven before you reconnect it to the mains, make sure that:
- all the internal connections are correct
- the wires are insulated and not touching the door or the cabinet or anything sharp
- all the earth connections are electrically and mechanically sound
- do not modify or anyway interfere with the safety devices built-in to the oven

- make sure that each replacement part you use conforms to the manufacturer's specifications

Do not start a repair if you have any doubt as to your ability to complete it.

CAUTION - MICROWAVE RADIATION

PERSONNEL SHOULD NOT BE EXPOSED TO THE MICROWAVE ENERGY WHICH MAY RADIATE FROM THE MAGNETRON, WAVEGUIDE OR ANTENNA IF THEY ARE IMPROPERLY USED OR CONNECTED. ALL INPUT AND OUTPUT MICROWAVE CONNECTIONS, WAVEGUIDES, FLANGES AND GASKETS MUST BE SECURE.
NEVER OPERATE THE DEVICE WITHOUT A MICROWAVE ENERGY ABSORBING LOAD ATTACHED.
NEVER LOOK INTO AN OPEN WAVEGUIDE OR ANTENNA WHILE THE DEVICE IS ENERGIZED.
NEVER OPERATE AN OVEN WITH CABINET OFF WITHOUT MEASURING THE MICROWAVE LEAKAGE AROUND MAGNETRON AND VISIBLE MICROWAVE CONNECTIONS (WELDING JOINTS).

Do not operate the oven if the following conditions exist:
- the door does not close firmly against the door support because of the door being warped or the hinges damaged.
- The door trims or seals are damaged.
- If there is any visible damage to the oven.
- if the door does not close properly.

Avoid operating the oven if known components in the interlock system, oven door or microwave generating assembly are known defective. They must be replaced.

WARNING - HIGH VOLTAGE

IT IS POSSIBLE TO COME IN CONTACT WITH LETHAL HIGH VOLTAGE WHEN WORKING WITH HV TRANSFORMER, HV CAPACITOR AND MAGNETRON. THEREFORE NEVER TRY TO MEASURE THE HIGH VOLTAGE. ALWAYS TAKE UTMOST CARE WHEN PERFORMING ELECTRIC MEASUREMENTS INSIDE THE OVEN.

Technical data

Dimensions of cabinet

Height	332	mm
Width	548	mm
Depth	398	mm

Dimensions of cavity

Height	225	mm
Width	346	mm
Depth	341	mm
Cavity volume	26,55	l
Turntable diameter	320	mm

Weight

Net	22	Kg
Packed	24	Kg

Electrical

Voltage	230	V
Frequency	50	Hz
Power consumption	1650	W
Current consumption	7,5	A

Power

Output power	1000	W
Microwave frequency	2450	MHz

Timer

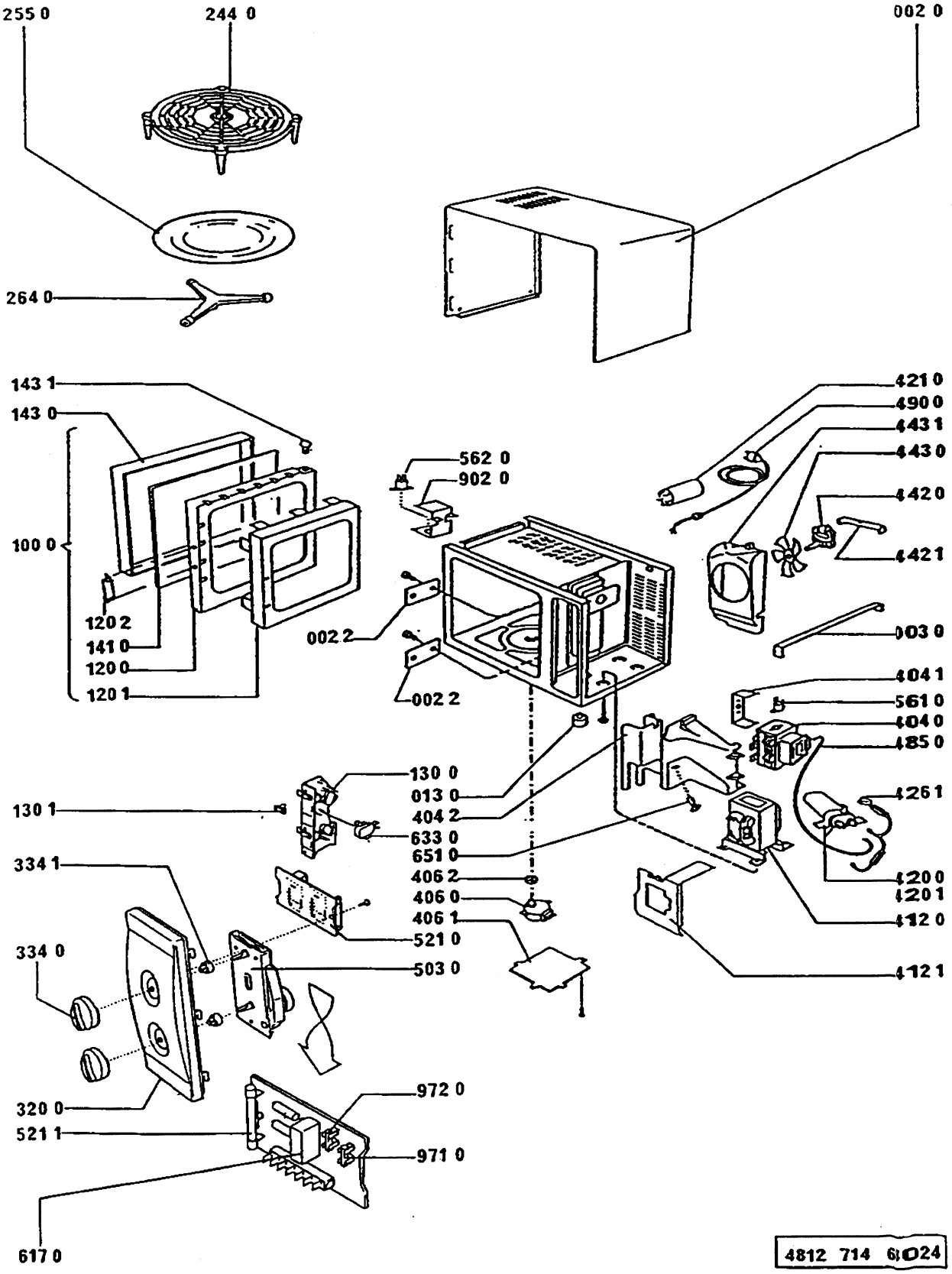
mechanical	60	min

Spare part list

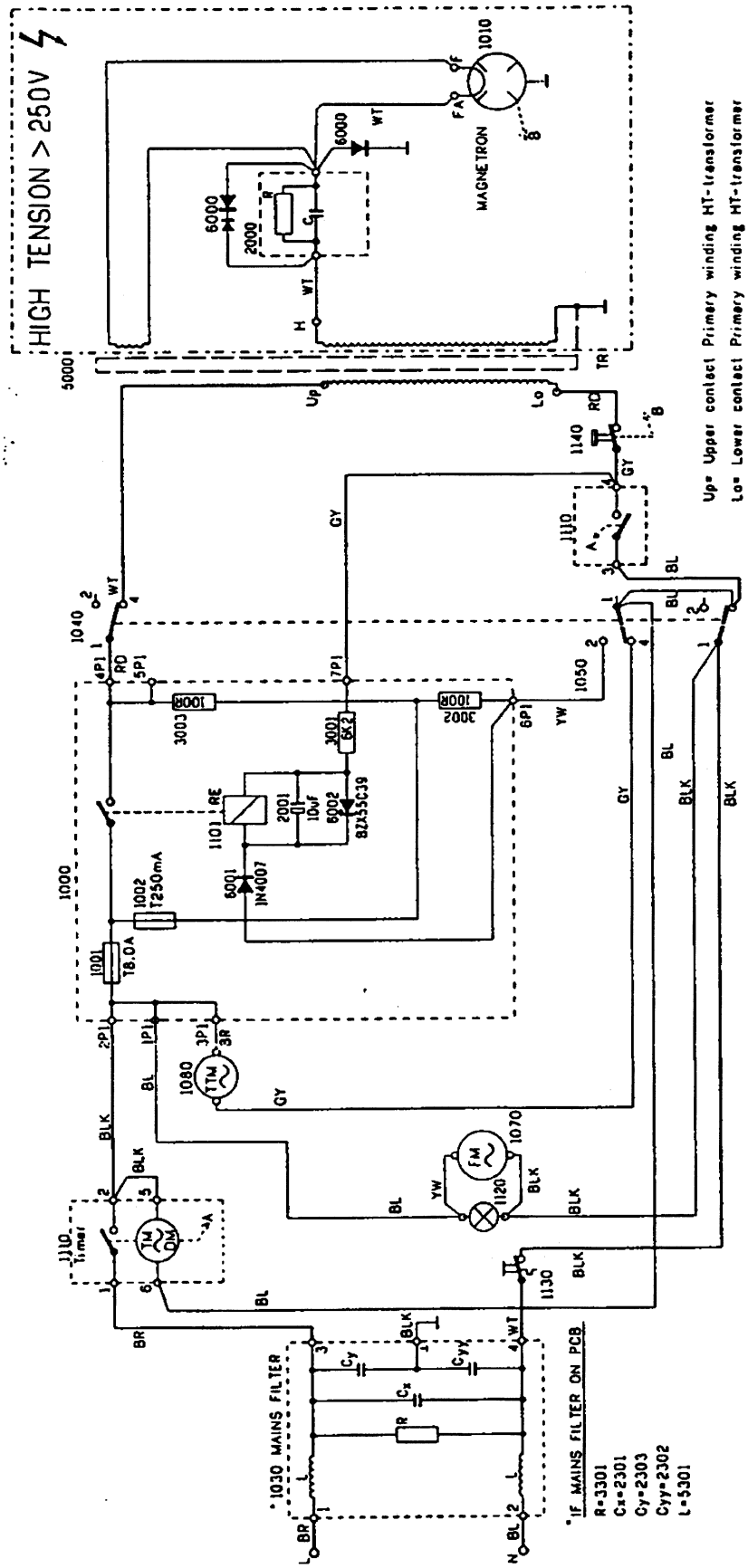
Model AVM 330 WH
Service No. 853833001291
Version 853833001291

Pos. No.	12NC Code	Description	from	to
000 2	4819 464 18111	Air guide not shown		
002 0	4819 440 59112	Cabinet WH		
002 2	4819 442 38056	Cover plate upper		
002 2	4819 442 38057	Cover plate lower		
003 0	4819 404 78252	Rod, shelf		
013 0	4819 462 79423	Foot		
100 0	4819 442 38072	Door cpl. WH		
120 0	4819 440 59589	Door,inner		
120 1	4819 459 48676	Frame,breaker		
120 2	4819 404 78429	Lock plate		
130 0	4819 276 38331	Switchmechanism unit		
130 1	4819 466 88919	Bracket		
141 0	4819 450 69838	Oven glass WH		
143 0	4819 459 48674	Frame,breaker outer WH		
143 1	4819 535 98394	Pin		
244 0	4819 466 98789	Stand plastic		
255 0	4819 466 78186	Turntable sheet-rotary plate		
264 0	4819 535 78142	Crosspiece		
320 0	4819 453 49944	Panel,control BL		
334 0	4819 411 28895	Knob BL		
334 1	4819 413 38126	Clip Knob inner		
404 0	4819 131 58021	Magnetron		
404 1	4819 404 78269	Bracket		
404 2	4819 462 38754	Air guide		
406 0	4819 361 18292	Motor for rotary plate		
406 1	4819 466 88918	Cover for motor		
406 2	4819 532 68686	Gasket ring		
412 0	4819 145 78189	Transformer,HT		
412 1	4819 462 38755	Air guide		
420 0	4819 121 48016	Capacitor HT		
420 1	4819 401 18678	Bracket for capacitor		
421 0	4819 121 18162	Filter,mains		
426 1	4819 218 38039	Diode HV		
442 0	4819 361 18291	Motor blower		
442 1	4819 404 78251	Bracket		
443 0	4819 310 39002	Fan Set		
443 1	4819 462 38614	Air guide		
485 0	4819 320 28024	Cable,HT		
485 1	4819 462 38756	Air guide not shown		
490 0	4819 321 18247	Cable,mains		
503 0	4819 282 18586	Timer (Micro) 60min.		
521 0	4819 214 78446	Control unit		
521 1	4819 113 88001	Resistor 100 Ohm		
561 0	4819 282 48281	Thermostat 125 C		
562 0	4819 282 48202	Thermostat		
617 0	4819 280 28005	Relay 48 V		
633 0	4819 271 38156	Microswitch 10 A		
651 0	4819 134 28029	Lamp cavity		
902 0	4819 404 78869	Holder		
971 0	4819 253 38019	Fuse T8 A		
972 0	4819 253 38006	Fuse T100mA		

Exploded view



Wiring diagram



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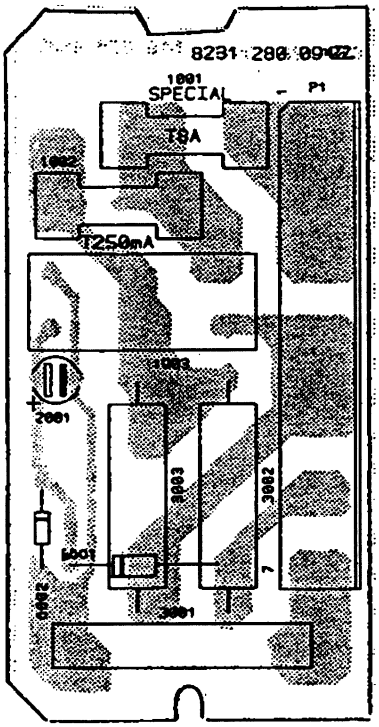
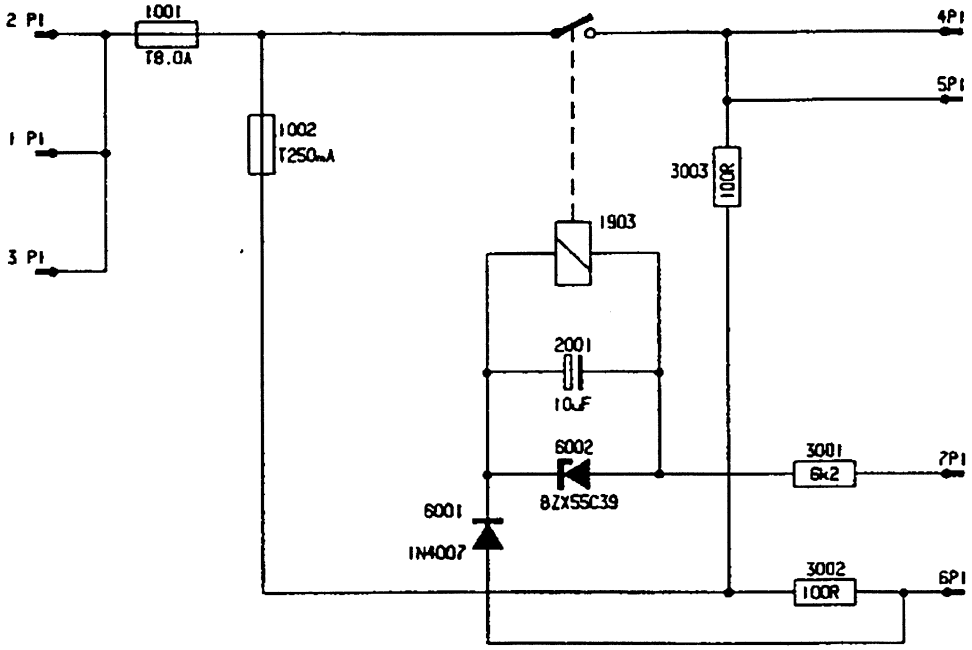
Program diagram





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